

COMPUTER COMPONENT OPERATING TEMPERATURE INSPECTING METHOD  
AND SYSTEM WITH DEADLOCK RECOVERY CAPABILITY

ABSTRACT OF THE DISCLOSURE

A computer component operating temperature inspecting method and system is  
5 proposed, which is designed for use with a computer component that is equipped with a  
built-in temperature detecting function and is based on a standardized bus architecture,  
such as SMBus (System Management Bus) and I2C (Inter Integrated Circuit) compliant  
SMBus/I2C bus architecture, for the purpose of inspecting the current operating  
temperature of the computer component via the bus architecture, and which is capable of,  
10 in the event of the computer component being subjected to a deadlock condition, restoring  
the computer component back to normal operation to allow the computer component's  
current operating temperature to be able to be inspected. This feature can help protect the  
computer component from being burned out due to overheat that is otherwise undetectable  
in the event of deadlock, thereby ensuring the operating reliability of the entire computer  
15 system.

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